FIG. 12

FRAM	E 0	33 BLOCKS		-		
8 PIXELS	8 PIXELS		8 PIXELS	8 YPIXELS (		
A1	<b>A</b> 2		A32	A33	8 PIXELS	
B1	B2		B32	B33	8 PIXELS	
C1	C2		C32	C33	8 PIXELS	š
A34	A35		A65	A66	8 PIXELS	
B34	B35		B65	B66	8 PIXELS	30
C34	C35		C65	C66	8 PIXELS	BLOCKS
:	•	-	:	:		
A298	A299		A329	A330	8 PIXELS	
B298	B299		B329	B330	8 PIXELS	
C298	C299		C329	C330	8 PIXELS	•

FIG. 13

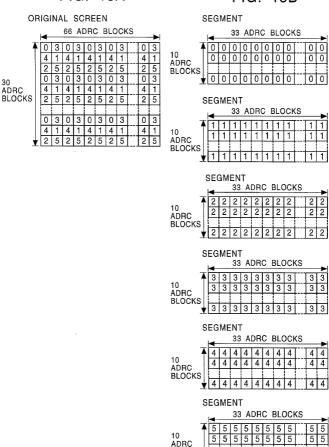
FRAM	E 1	33 BLOCKS			l	
8 PIXELS	8 PIXELS		8 PIXELS	8 PIXELS		
<b>A</b> 1	A2		A32	A33	8 PIXELS	1
B1	B2		B32	B33	8 PIXELS	
C1	C2		C32	C33	8 PIXELS	
A34	A35		A65	A66	8 PIXELS	
B34	B35		B65	B66	8 PIXELS	30
C34	C35		C65	C66	8 PIXELS	BLOCKS
-	-	:		:		4
A298	A299		A329	A330	8 PIXELS	
B298	B299		B329	B330	8 PIXELS	
C298	C299		C329	C330	8 PIXELS	

FIG. 14

ADRC BLOCK	ADRC BLOCK	ADRC BLOCK 5	ADRC BLOCK	ADRC BLOCK	ADRC BLOCK 5
ADRC BLOCK	ADRC BLOCK	ADRC BLOCK	ADRC BLOCK	ADRC BLOCK	ADRC BLOCK
ADRC BLOCK	ADRC BLOCK	ADRC BLOCK 5	ADRC BLOCK	ADRC BLOCK	ADRC BLOCK 5
ADRC BLOCK	ADRC BLOCK	ADRC BLOCK	ADRC BLOCK	ADRC BLOCK	ADRC BLOCK

FIG. 15A

## FIG. 15B



**BLOCKS** 

5 5 5 5 5 5

5

FIG. 16A

FIG. 16B

110. 1071	11G. 10D
ORIGINAL SCREEN  22 ADRC BLOCKS	SEGMENT  11 ADRC BLOCKS
15 ADRC	5 ADRC BLOCKS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
BLOCKS 2 5 2 5 2 5 2 5 2 5	SEGMENT
0 3 0 3 0 3 0 3 0 3 0 3 0 3 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4	5 ADRC BLOCKS  11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	SEGMENT
	11 ADRC BLOCKS  12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	SEGMENT
	11 ADRC BLOCKS  3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
	SEGMENT
	11 ADRC BLOCKS  4 4 4 4 4 4 4 4 4 4 4 4 4 4 5 5 ADRC BLOCKS  4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	SEGMENT
	11 ADRC BLOCKS  5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5

FIG. 17A

y32	y65		y329
y4	y37		y301
у3	y36		y300
у2	y35		y299
y1	y34		y298
у0	)33		y297
	y3 y4	y1 y2 y3 y4 y34 y35 y36 y37	y1 y2 y3 y4 y34 y35 y36 y37

FIG. 17B

y142	y175	y109
y224	y257	 y191
у3	y36	y300
y112	y145	y79
y221	y254	y188
у0	y33	y297

FIG. 17C

010	u21	n54
4n	u15	u48
n3	u14	147
n5	u13	 n46
L1	u12	 n45
0n	u11	u44

FIG. 17D

n44	n33	0n
n50	n39	9n
n51	n40	Zn
n52	u41	8n
n53	n42	6n
n54	u43	n10

FIG. 17E

v1         v2         v3         v4         v10           v12         v13         v14         v15         v21           v45         v46         v47         v48         v54			
v1 v2 v3 v14 v12 v14 v14 v45 v46 v47 v	۷10	v21	v54
v1 v2 v3 v14 v12 v14 v14 v45 v46 v47 v			
v1 v2 v12 v13 v45 v46	۷4	۷15	۷48
v1 v12 v45	٧3	v14	۷47
<del></del>	٧2		۷46
	١٨	v12	٧45
v44	۸0	v11	۷44

FIG. 17F

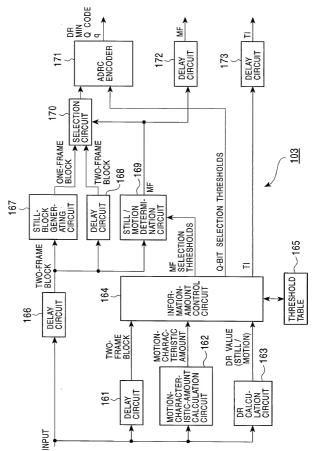
۷44	۸33	0^
٧50	٧39	9/
٧51	۷40	٧٧
v52	٧41	8/
v53	۷42	6/
v54	٧43	v10

rarrotto ranga

FIG

SEGMENT 5		
SEGMENT 4	1	y109 v0
SEG	:	y109
Т 3	;	
SEGMENT 3		у6
	[	v54
SEGMENT 2		y0 y221 y112 u54 y3 y224 y115 v54 y6
SEGI		y224
	1	у3
SEGMENT 1	1	154
	,	y112
SEGMENT 0		y221
SEG		ον





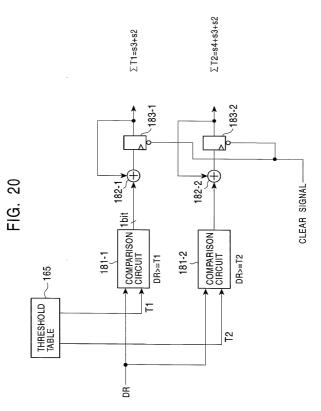


FIG. 21

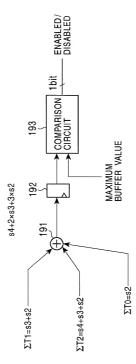


FIG. 22

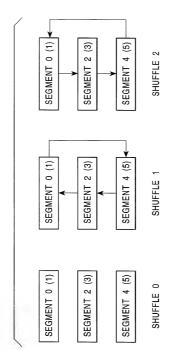


FIG. 23

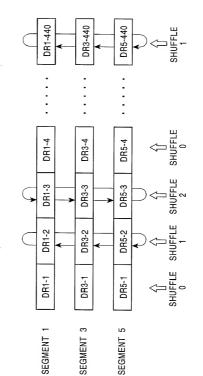


FIG. 24

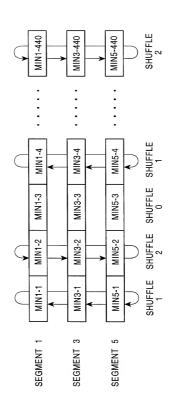


FIG. 25

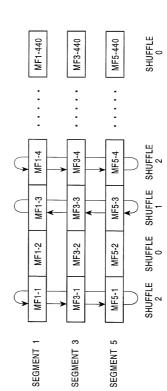


FIG. 2

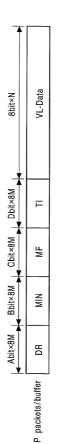
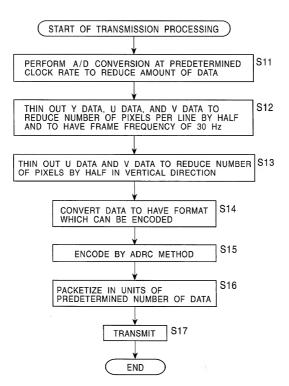
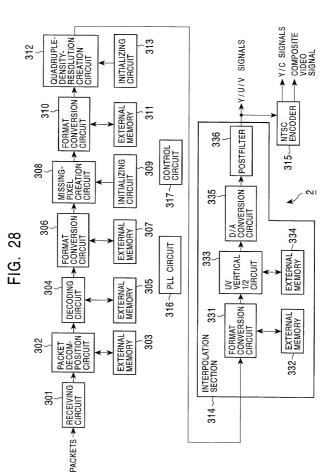


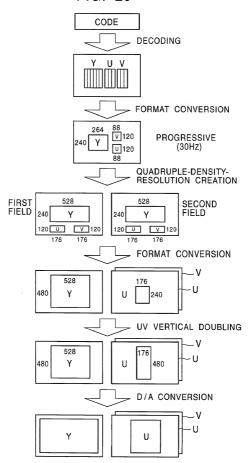
FIG. 27





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FIG. 29



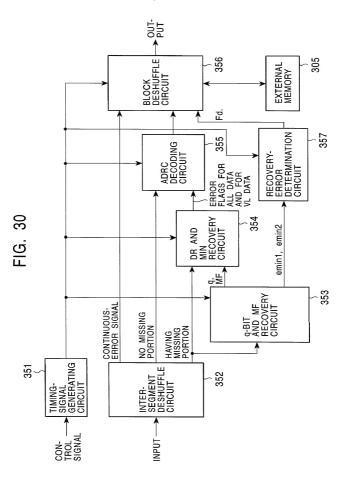


FIG. 31

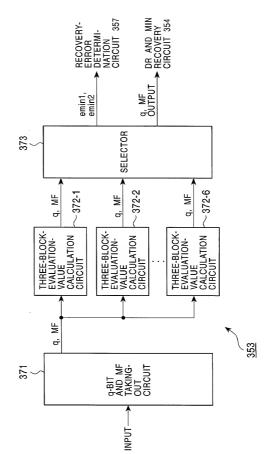


FIG. 32

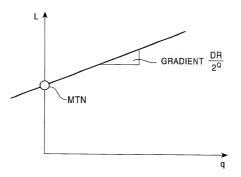


FIG. 33

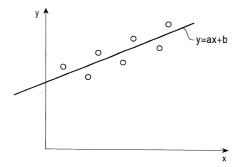


FIG. 34A

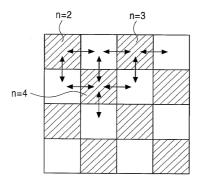


FIG. 34B

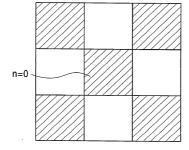
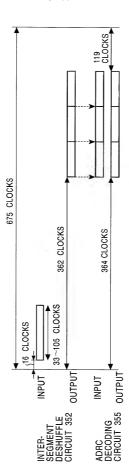


FIG. 35



OCTIONS SECOND

FIG. 36

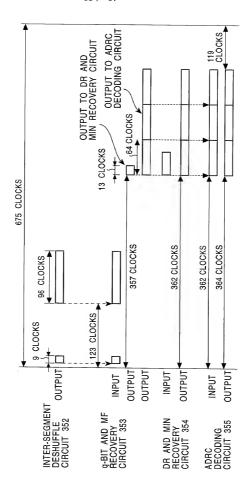


FIG. 37A

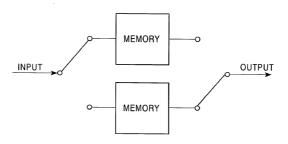


FIG. 37B

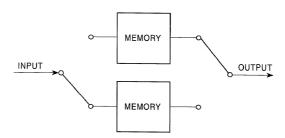


FIG. 38A

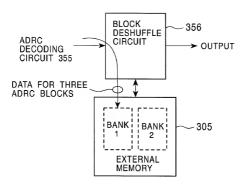


FIG. 38B

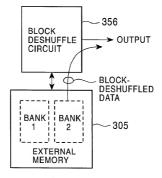


FIG. 39

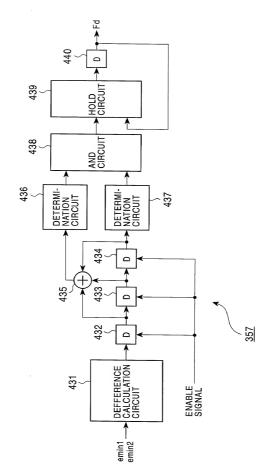


FIG 40

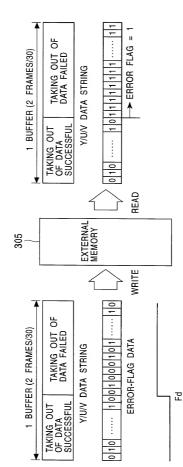
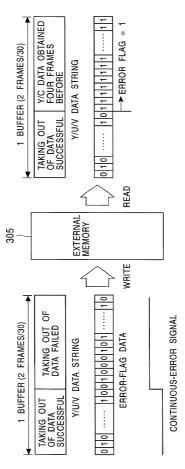
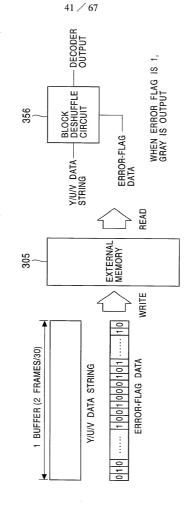


FIG. 41



DOTYGIEG GUIDOL

FIG. 42



1 BUFFER (2 FRAMES/30) NOT DIFFERENT FROM USUAL PROCESSING Y/U/V DATA STRING ERROR-FLAG DATA 0 0 0 READ EXTERNAL MEMORY 305 WRITE 000000000000 1 BUFFER (2 FRAMES/30) ERROR-FLAG DATA Y/U/V DATA STRING 0 0 0

FIG. 43



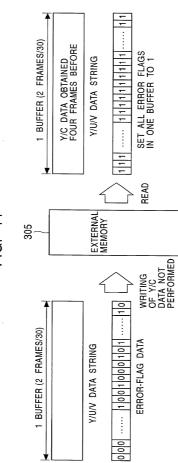


FIG. 45

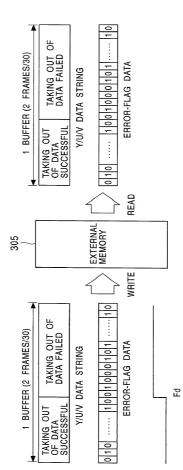


FIG. 46

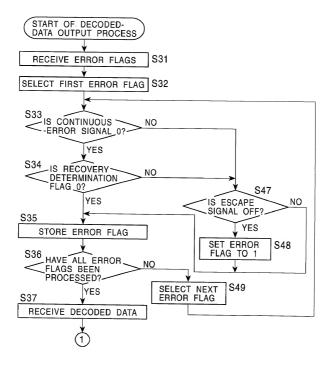


FIG. 47

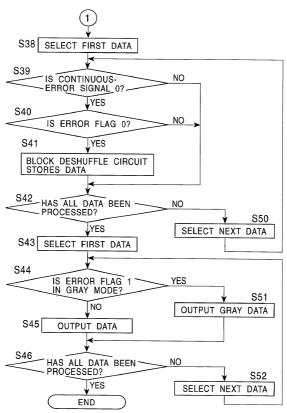


FIG. 48

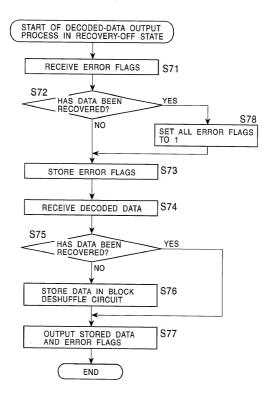


FIG. 49A

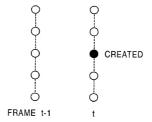
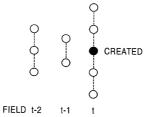


FIG. 49B



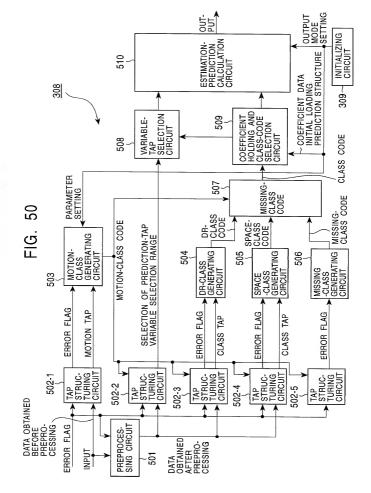
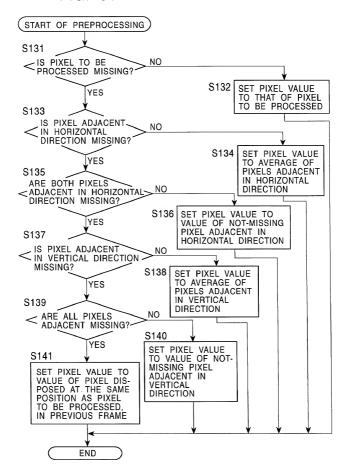


FIG. 51



F	IG.	52A
	117.	UZA

## FIG. 52B

L1 L2 L3	H1 H2 ERROR q2 q4 ERROR q7 ERROR	H3 q3 q6 q9	L1 L2 L3	H1 p1 p4 p7	H2 p2 p5 p8	H3 p3 p6 p9
FRAME t			FRAME t-1			

## FIG. 53

q1 q2 q3 q4 ERROR q6 q7 q8 q9 FRAME t

FIG. 54

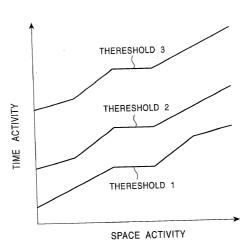
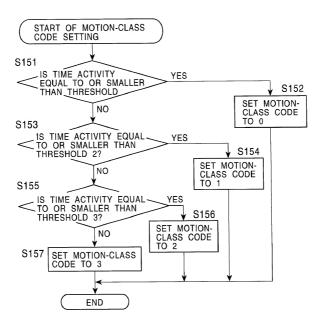


FIG. 55



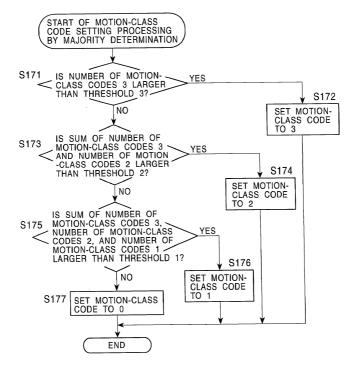
poyyetan manara

FIG. 56

L-2	$\bigcirc$	$\bigcirc$	$\bigcirc$
L-1	$\bigcirc$	$\bigcirc$	$\bigcirc$
L0	$\bigcirc$	$\oslash$	$\bigcirc$
L+1	$\bigcirc$	$\bigcirc$	$\bigcirc$
L+2	$\bigcirc$	$\bigcirc$	$\bigcirc$

: PIXEL TO BE PROCESSED

FIG. 57



**MONE** 

FIG. 58

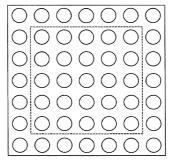


FIG. 59

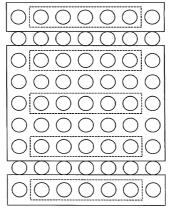


FIG. 60

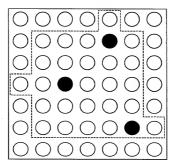
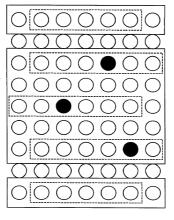
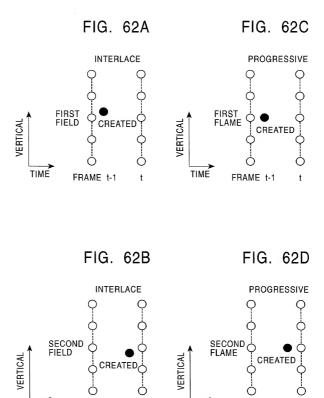


FIG. 61



TIME

FRAME t-1



FRAME t-1

TIME

 $^{-313}$ 

INITIALIZING CIRCUIT

INITIALIZING SIGNAL

605

603

312

**▼**OUTPUT LINE-SEQUENTIAL CONVERSION CIRCUIT 613 610 611 612 909 609 COEFFICIENT MEMORY REGISTER REGISTER REGISTER REGISTER LINE DATA LINE DATA CLASS SYNTHESIZING CIRCUIT ESTIMATION-PREDICTION CALCULATION CIRCUIT 607 909 FIG. 63 MOTION-CLASS DETECTION CIRCUIT SPACE-CLASS DETECTION CIRCUIT 604 TAP SELECTION CIRCUIT TAP SELECTION CIRCUIT TAP SELECTION CIRCUIT 601 602 INPUT

FIG. 64

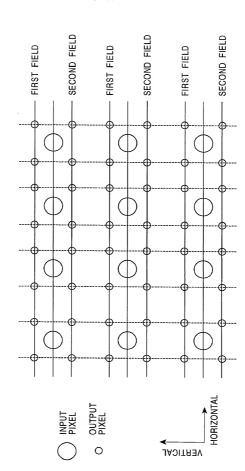


FIG. 65

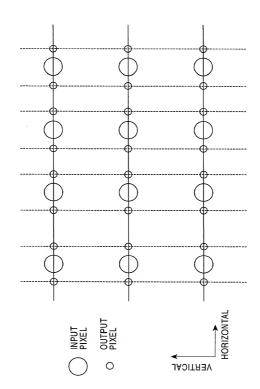


FIG. 66

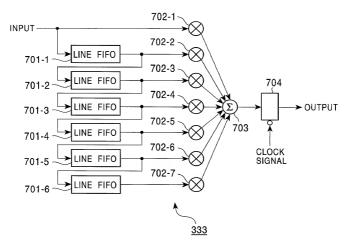
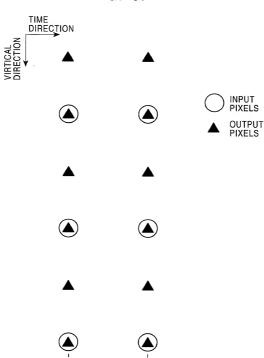
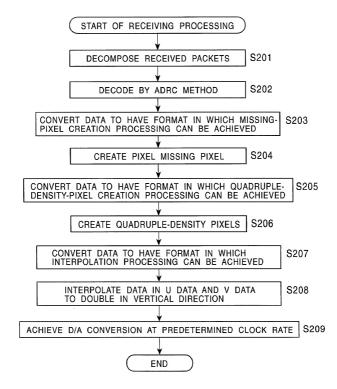


FIG. 67



1/60 sec

FIG. 68



à



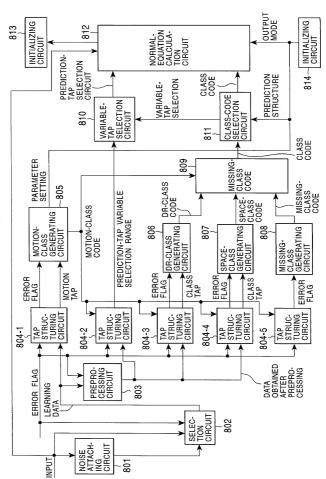


FIG. 70

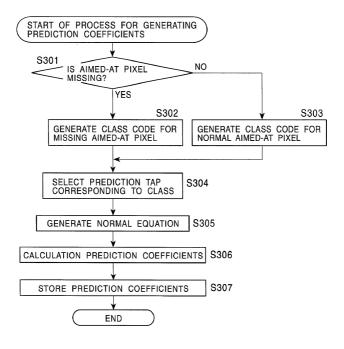
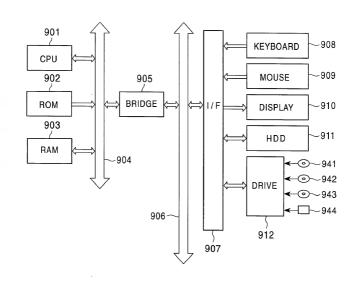


FIG. 71



COPPOSED CERTACO